

As a federally licenced Amateur Radio operator and user of frequencies that include the HF and lower VHF bands, I am alarmed to hear reported that there is a proposal that would deploy a mechanism allowing high speed internet access that utilizes technology that could potentially cause severe disruption to services that use these same frequencies - namely Broadband Power Line (BPL). Technical articles I have read in the power industry and Internet Service provider trade press are replete with praise for this technology and dismissive of any potential interference threat to the above mentioned bands and services. In contrast, I would draw your attention to the lab measurements and studies that have been performed by the American Radio Relay League (ARRL) that show considerable disruption to the affected frequencies using a field strength permitted by part 15 rules. These test performed by the ARRL are real measurements made in several areas where BPL trials are under way. It is incumbent that the FCC should thoroughly evaluate all evidence presented in this issue prior to making any decision that would encourage widespread deployment of this technology.

Sincerely

Peter J. Thompson, N3EVL